

Curriculum overview: Geography

YEAR	HT1	HT2	HT3	HT4	HT5	HT6
YEAR 7	Rainforest and resources: Report writing, working in groups, completing graphs, empathy.		River Processes and River management: Links to Science with water cycle processes, drawing and annotating diagrams, graph completion (meander cross sections), data comparison between high and low income countries, decision making and problem solving.		Glacial landscapes: Map interpretation: grid references, scale, symbols and keys, contour lines	Weather and climate change from the last ice age: data analysis, impacts on people, climate change
YEAR 8	Water supply and Coastal processes and management: Diagram and map interpretations, drawing diagrams and annotations, report writing and problem solving.		Plate tectonics – volcanoes and earthquakes and management of hazards: Plate tectonics link to Science, diagram interpretation and annotations, true false comparisons, empathy, report writing.		Population and Development: Comparisons, literacy and script writing, sustainability, graphical and mathematical skills	
YEAR 9	Problem solving: Desertification and Building the Great Green Wall: map and data analysis, impacts on people, climate change		Comparing countries: China vs Japan. Data analysis, empathy, comparisons.		Virtual fieldwork – where to build new homes? Problem solving, investigations	Polar regions: investigative skills and research
YEAR 10	Coastal processes and landforms: erosion and transport, erosional features (bays and headlands, wave-cut platforms, caves, arches, stacks and stumps). Long shore drift and depositions features (spits). Estuaries and the inter-tidal zone. Coastal management: hard and soft engineering, managed realignment. Shoreline Management Plans. Stakeholder	Weather and climate: differences between weather and climate. Air masses. High and low pressure systems. The Inter-Tropical Convergence Zone. The jet stream. Global patterns of extreme weather - heat waves and tropical cyclones (currently Californian heatwaves and Cyclone Pam, Vanuatu). Semi-arid environments and the links to the ITCZ.	Climate change: the Quaternary Period, causes of global warming and evidence for climate change. Natural events and climate change. Climate change in Africa and Australia. Climate change and tourism. Approaches and attitudes to low carbon futures.	Urban and rural processes: urban zones and inner urban areas, suburbs vs inner urban. How urban areas affect us. Ethnic minorities and urban areas. Wealth division in urban areas. Sustainable communities, and building new homes, green belts, greenfield vs brownfield. Commuting. Changing rural areas, push and pull factors. Retail catchments, technology and	Fieldwork: changes yearly in terms of topics. Bi-polar surveys, using questionnaires, using GIS, collecting quantitative and qualitative data, using transects, measuring flows Comparing global cities: global patterns of urbanisation. Sydney migration and wealth. Growth of Mumbai, housing, informal and formal employment, top	Development issues: what is development, GNI and the development gap. Education and health indicators. Globalisation and interdependence. Transnational corporations and the emergence of NICs. Positive and negative impacts of globalisation and the impacts on the UK. Trade, fair trade, and aid.

	<p>perceptions and views. Climate change and its impact on coastal communities in HICs and LICs.</p> <p>River processes and landforms: - erosion and transport. Erosional features: meanders, waterfalls, V-shaped valleys. River channel cross-sections. Flood hydrographs. Physical and human causes of flooding. Flash floods (Boscastle). River management and defences, land use zoning, dredging (exemplified through Somerset Levels). Opinions of stakeholders.</p>			<p>changing shopping habits. Damaging natural environments, and the impact of sporting events on urban environments.</p>	<p>down development and self-help schemes.</p>	
YEAR 11	<p>How ecosystems function: Ecosystems and biomes. Climate and the Arctic. Climate and the rainforest. Key services provided by ecosystems. Semi-arid grasslands. Sand dunes and sand dune management.</p>	<p>Water resources: how we use water. Water in South Africa and the Lesotho Highlands Water Project. Alternative forms of water management. Over-abstraction and water security. Flooding and drought in Cambodia.</p>	<p>Retrieval practice and revision of all past topics</p>	NA	NA	NA

	<p>Threats to ecosystems: human use of ecosystems. Fishing in the North Sea. Shrimp farming. Food production and human activities in the rainforest. Sustainable management of rainforests, Central America. Coral reefs, threats to the Great Barrier Reef, and coral reef management.</p>	<p>Desertification: seasonal rainfall and the Inter-Tropical Convergence Zone. Physical processes vs poor land management. Commercial farming. The Great Green Wall management programme.</p>			
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